

CONCORDE BATTERY CORP -- 24C 9M3D -- 6140-00-538-9986

===== Product Identification =====

Product ID:24C 9M3D

MSDS Date:01/01/1987

FSC:6140

NIIN:00-538-9986

MSDS Number: BJXYQ

=== Responsible Party ===

Company Name:CONCORDE BATTERY CORP

Address:2009 SAN BERNARDINO RD

City:WEST COVINA

State:CA

ZIP:91790-1006

Country:US

Info Phone Num:213-962-4006

Emergency Phone Num:213-962-4006

CAGE:63017

=== Cont

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Company Name:CONCORDE BATTERY CORP

Address:2009 SAN BERNARDINO RD

Box:City:WEST COVINA

State:CA

ZIP:91790-1006

Country:US

Phone:800-255-3924/818-813-1234

CAGE:63017

===== Composition/Information on Ingredients =====

Ingred Name:LEAD OXIDE

CAS:1317-36-8

RTECS #:OG1750000

Fraction by Wt: 60%

Other REC Limits:NONE SPECIFIED

Ingred Name:LEAD (SARA III)

CAS:7439-92-1

RTECS #:OF7525000

Fraction by Wt: 38%

Other REC Limits:NONE SPECIFIED

OSHA PEL:0.05 MG/

M3;1910.1025  
ACGIH TLV:0.15 MG/M3;DUST 9192  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:SULFURIC ACID (SARA III)  
CAS:7664-93-9  
RTECS #:WS5600000  
Fraction by Wt: 2%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:1 MG/M3  
ACGIH TLV:1 MG/M3; 9192  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

===== Hazards Identification =====

LD50 LC50 Mixture:ORAL RAT LD50 IS NOT KNOWN  
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:YES IARC:YES  
OSHA:NO  
Health Hazards Acute and Chronic:SEE SUPP. DATA. PRODUCT CONTAINS LEAD AND SULFURIC ACID. SULFURIC ACID IS A CORROSIVE CAUSING BURNS TO BODY TISSUES. LEAD IS TOXIC AND SOME LEAD COMPOUNDS ARE LISTED AS CARCINOGENIC. CONTACT WITH EITHER IS HIGHLY UNLIKELY TO OCCUR UNLESSTHE CASE IS BROKEN OR SPILLED, THEN ONLY CONTACT WITH THE ACID IS LIKELY.  
Explanation of Carcinogenicity:LEAD COMPOUNDS ARE LISTED AS CARCINOGENIC IN ANIMALS AND POSSILBY IN HUMANS.  
Effects of Overexposure:CONTACT WITH SULFURIC ACID IS THE MOST LIKELY EXPOSURE, PRODUCING IRRITATION OR BURNS TO THE BODY TISSUE CONTACTED.  
Medical Cond Aggravated by Exposure:NONE

===== First Aid Measures =====

First Aid:FIRST AID IS GIVEN FOR SULFURIC ACID CONTACT. EYE:FLUSH W/WATER 15 MIN, HOLD LIDS OPEN. SKIN:WASH WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE REUSE. INHALED:REMOVE TO FRESH AIR. INGESTED:DO NOT INDUCE V

OMITTING.

GIVE 2 LARGE GLASSES OF MILK OR WATER AND GET IMMEDIATE MEDICAL CARE. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. IF IRRITATION PERSISTS OR IS SEVERE,SEE A DOCTOR.

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===== Fire Fighting Measures =====

Flash Point:NON-FLAMMABLE

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL. USE WATER WITH CARE AS MOLTEN LEAD MAY SPATTER WITH WATER.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL F

ACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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===== Accidental Release Measures =====

Spill Release Procedures:IF ACID IS SPILLED, NEUTRALIZE. PLACE REMAINDER IN AN ACID RESISTANT CONTAINER FOR RECYCLE OF THE LEAD.

Neutralizing Agent:SODIUM BICARBONATE OR LIME

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===== H  
andling and Storage =====

Handling and Storage Precautions:STORE IN COOL, DRY AREA. PROTECT FROM PHYSICAL DAMAGE. PROTECT TERMINALS FROM SHORT CIRCUITS.

Other Precautions:READ MANUFACTURERS LITERATURE AND FOLLOW INSTRUCTIONS. WEAR RUBBER OR PLASTIC APRON, GLOVES, BOOTS,AND FACE SHIELD WHEN HANDLING ACID.

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===== Exposure Controls/Personal Protection =====

Respiratory Protection:RESPIRATOR WILL NOT NORMALLY BE NECESSARY. USE NIOSH/MSHA APPRO

VED RESPIRATOR FOR ACID DUST/MIST IF EXPOSURE IS ABOVE THE TLV/PEL. SEE 29 CFR 1910.134 FOR REGULATIONS PERTAINING TO RESPIRATOR USE.

Ventilation:NOT NORMALLY REQUIRED. USE LOCAL EXHAUST DURING CHARGING CYCLES TO AVOID AN EXPLOSIVE BUILD UP OF HYDROGEN GAS.

Protective Gloves:NONE (RUBBER IF ACID IS LEAKING)

Eye Protection:SAFETY GLASSES/SPLASH GOGGLES (LIQUID)

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER, NORMAL WORK CLOTHING. PROTECT WITH IMPERVIOUS APRON AND/O

R BOOTS IF ACID  
IS LEAKING.

Work Hygienic Practices:USE GOOD INDUSTRIAL HYGIENE PRACTICE. AVOID  
ALL CONTACT WITH ACID OR INTERNALS OF THE BATTERY.

Supplemental Safety and Health

BATTERY SUPPLIED DRY AND NON-SPILLABLE. PROTECT PERSONNEL AS THOUGH  
ACID WAS LEAKING WHILE FILLING. NOTE THAT INGREDIENT % IS GIVEN FOR  
THE DRY CHARGED CONDITION. MSDS RECEIVED FROM NAVY. LABEL WAS R  
ECEIVED ON DOD FORM, FILLED OUT POSSIBLYBY NAVY. DLA HAS NOT  
PURCHASED THIS NSN FROM CONCORD BAT  
TERY.

===== Physical/Chemical Properties =====

HCC:N1

pH:UNKNON

Solubility in Water:APPRECIABLE

Appearance and Odor:STORAGE BATTERY 6.8X10.25X8.9 INCHES WITH TAPER  
POSTS ON TOP, NO ODOR

Percent Volatiles by Volume:UNKNON

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES  
OF IGNITION

Hazardous Decompositio

n Products:NONE UNDER ANY FORESEEABLE USE

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE I/A/W ALL FEDERAL, STATE AND LOCAL  
REGULATIONS. MANUFACTURER SUGGESTS THAT DISPOSAL MAY BE DONE BY  
FLUSHING NEUTRALIZED ACID TO DRAIN AND SENDING REMAINDER TO LEAD  
RECLAIMER. DO NOT INCINERATE!!!

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